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(71) Applicant (for all designated States except US): AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, #07-01 Centros, Singapore 138668 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CHOW, Pei Yong, Edwin [SG/SG]; 462 Corporation Road, #07-02, Parc Vista Tower 7, Singapore 649816 (SG). YANG, Yi Yan [CN/SG]; Block 5 Dover Crescent, #04-10, Singapore 130005 (SG).

(74) Agent: YU SARN AUDREY & PARTNERS; 190 Middle Road, #12-04, Singapore 188979 (SG).

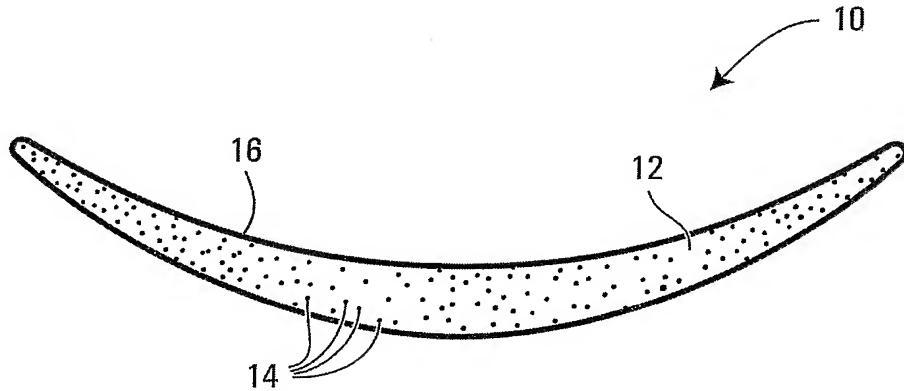
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(54) Title: POLYMER HAVING INTERCONNECTED PORES FOR DRUG DELIVERY AND METHOD



(57) Abstract: A bicontinuous microemulsion of water, a monomer, and a surfactant copolymerizable with the monomer is polymerized to form a transparent and porous polymer defining interconnected pores. The pores may have a pore diameter in the range of 10 to 100 nm. The microemulsion may further include a drug such that, when the polymer is formed, the drug is dispersed in one or both of the polymer and the pores and is releasable therefrom when the polymer is in contact with a liquid. The drug may be an ophthalmic drug and the polymer can be used to form drug delivery devices, such as contact lenses and artificial corneas.

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